Appendix A. Common Maintenance Activities for Various BMP Types

BMP Categories		Maintenance Activity for Typical BMP Installations																		
Code	New Name	Trash/ Debris/ Leaf removal	Sediment removal (shovel or backhoe)	Jet-Vac/ subsurface vacuum	Vacuum/ sweep surface	Pressure Washing/ steam cleaning	Rechip permeable pavement	Weeding/ Thinning/ Vegetation Removal	Plant replacement/ Seeding/ Sodding	Mulch replacement	Mowing	Fertilization	Pruning	Supplemental Irrigation	Irrigation system repairs	Replace media	Scarification of media	Inlet cleaning	Outlet cleaning (Above Ground Structure)	Clear pipes/ underdrains (Below Ground)
Typical Frequency if Activity Implemented:		Routine	Routine	Routine	Routine	As-needed	Routine	Routine	Routine	Routine	Routine	As-needed (infrequent)	As-needed (infrequent)	As-needed	As-needed	Infrequent	Routine	Routine	Routine	As-needed
BI	Grass Strip	✓	✓					✓	✓		✓			✓	✓					
BR	Bioretention	✓	✓					✓	✓	✓			✓	✓	✓	✓	✓	✓		✓
MBR	Microbioretention	✓	✓					✓	✓	✓			✓	✓	✓	✓	✓	✓		✓
BS	Grass Swale	✓	✓					✓	✓		✓	✓		✓	✓					
DB	Detention Basin-Grass Lined	✓	✓					✓			✓			✓	✓			✓	✓	
DB	Detention Basin-Concrete Vault	✓	✓	✓														✓		✓
GR	Green Roof	✓						✓	✓		✓	✓	✓	✓	✓	✓			✓	
IB	Infiltration Basin	✓						✓								✓	✓	✓		
MD	Manufactured Device-Hydrodynamic Separator	✓	✓	✓														✓		✓
MD	Manufactured Device-Oil and Water Separator	✓	✓	✓		✓												✓		✓
MF	Media Filter-Advanced Media	✓						✓								✓	✓	✓	✓	✓
MF	Media Filter-Sand Filter	✓						✓								✓	✓	✓	✓	✓
PP	Permeable Pavement - Pervious Asphalt	✓			✓															✓
PP	Permeable Pavement - Porous Concrete	✓			✓															✓
PP	Permeable Pavement - Aggregate	✓			✓															✓
PP	Permeable Pavement - Modular Blocks	✓			✓		✓													✓
PP	Permeable Pavement - Turf Grid	✓						✓	✓		✓	✓								✓
PT	Infiltration (Percolation) Trench	✓																✓		✓
PT	Infiltration (Dry) Well	✓	✓																	✓
RP	Retention Pond	✓	✓						✓		✓							✓		
RW	Rainwater Harvesting System	✓																		✓
WB	Wetland Basin	✓	✓					✓	✓		✓							✓		
WC	Wetland Channel	✓	✓					✓	✓		✓							✓		

BMP Database Practices not included: Composite (Overall Site), Low Impact Development (Site Scale) and Other. Permeable Friction Course is not included in the table because maintenance is typically not required, but full replacement is generally planned at a 10-year interval.

Appendix A. Common Maintenance Activities for Various BMP Types

Erosion repair	Structural repair	Mosquito control	Algae control	Rodent management/ address animal damage
As-needed	Infrequent	As-needed	As-needed	As-needed
✔				
✔	✔	✔		✔
	✔	✔		✔
✔				
✔	✔	✔		✔
	✔	✔		✔
	✔			✔
✔	✔			
	✔	✔		
	✔	✔		
✔	✔			✔
✔	✔			✔
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	✔			
	✔			
✔	✔	✔	✔	✔
	✔	✔	✔	
✔	✔	✔	✔	✔
✔		✔	✔	✔